Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 18 Aug 2021 until 23:59 on Thursday 19 Aug 2021

Forecast Issued on Tuesday 17 Aug 2021 at 11:44

Confidence: High for eastern slopes to enjoy the best of the shelter over the coming days with poor visibility affecting the west. Confidence is also fairly high for a spell of more unsettled weather over the weekend, but low confidence of any details at this stage.

Headline for Wednesday 18 Aug 2021: Rather dull and occasionally damp. Best shelter in the east.

Mountain weather hazards on Wednesday 18 Aug 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG				MIST	MIST
Fog	Fog	Fog	Drizzle	Drizzle	Sunny intervals	Mist	Mist
Precipitation probability							
20%	20%	20%	30%	30%	20%	30%	30%

Forecast for Wednesday 18 Aug 2021

Weather: Low cloud will persist across the hills through the early hours but eastern slopes may see some clearer spells. A rather dull start with patchy drizzle falling across the central and western Dales but lee shelter to the east may give some bright or sunny spells across the eastern foothills. The cloud base should lift through the day but this likely unreliable in the west, before cloud descends again through evening.

Chance of cloud free mountain/hill tops above 600m: 10% west, 50% east.

Visibility: Cloud will be extensive above around 400m in the west, but generally well broken in the east. Some improvement looks possible through afternoon but this is uncertain. Visibility will be as low as a few hundred metres above the cloud base, especially in any drizzle. Disorientation is a real possibility.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Wednesday 18 Aug 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/13 W	10/15 W	11/16 W	13/19 W	14/22 W	18/28 W	17/25 W	13/20 W	11/17 W
300	5/13 W	5/13 W	6/15 W	9/18 W	11/21 W	14/27 W	13/25 W	10/20 W	7/16 W
Valley	4/8 W	4/11 NW	4/11 W	8/16 W	10/20 W	14/26 W	11/22 W	7/17 W	5/13 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	9/7	9/7	11/9	13/11	14/11	12/9	10/8	10/7
300	11/10	11/10	11/10	14/12	16/15	17/14	14/12	13/11	12/11
Valley	12/12	12/11	12/12	15/14	18/16	18/15	15/14	14/13	13/13
Freezing Level*	3300m	3300m	3200m	3200m	3200m	3200m	3200m	3200m	3100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Poor visibility likely the dominant hazard on the hills on Wednesday. Best of the shelter across eastern hills. Gust values closer to 35mph on highest ground through afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 17 Aug 2021	8.6mm	8.6mm	12.2mm

Forecast for Thursday 19 Aug 2021

Weather: A brighter, drier day compared to Wednesday with cloud generally much less extensive across the hills, however the odd shower or spell of drizzle is possible, especially across the south. Westerly winds will afford the best of the shelter across eastern slopes. Low chance of a short spell of heavier rain in the south through evening.

Maximum wind: Westerly 10-15mph.

Chance of cloud free mountain/hill tops above 600m: 60%.

Visibility: A few areas of cloud will descend down to around 500m through morning and perhaps later in the day too, this giving some very poor visibility with neighbouring slopes completely obscured. Otherwise, cloud will generally be above the summits.

Temperature: **Valleys:** Plus 12 Celsius rising to 18 Celsius.
At 600m: Around plus 12 Celsius.
Freezing level: Well above summits.

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